## **INTERNATIONAL SEARCH REPORT**

Inta - all Application No PCT/ZA2004/000080

A. CLASSIF IPC 7	F42D1/055		
	International Patent Classification (IPC) or to both national classification	cation and IPC	
B. FIELDS 8			
	cumentation searched (classification system followed by classifica F 42D	lion symbols)	
Documentati	on searched other than minimum documentation to the extent that	such documents are included in	the fields searched
Electronic da	ata base consulted during the international search (name of data b	ase and, where practical, search	h terms used)
EPO-Int	ternal, WPI Data		
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the r	elevant passages	Relevant to claim No.
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A	EP 0 301 848 A (EXPLOSIVES TECH 1 February 1989 (1989-02-01) page 11, lines 38-60	ETI)	8-11
A	US 4 489 655 A (MOLNAR OTTO) 25 December 1984 (1984-12-25) column 2, lines 10-66; figure 1		1–17
Α	EP 0 251 824 A (GEN MINING UNION 7 January 1988 (1988-01-07) column 4, lines 1-31; figure 1	N CORP)	1-7, 12-17
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"A" docume "E" earlier of filing of "L" docume which citatio "O" docume other of docume other in the filing of the	ent which may throw doubts on priority claim(s) or is clied to establish the publication date of another in or other special reason (as specified) sent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but han the priority date claimed	or priority date and not it cited to understand the invention  "X" document of particular recannot be considered in involve an inventive stell  "Y" document of particular recannot be considered to document is combined very the considered to document to combine the considered to	after the International filing date in conflict with the application but principle or theory underlying the levance; the claimed invention ovel or cannot be considered to p when the document is taken alone levance; the claimed invention involve an inventive step when the with one or more other such docu— in being obvious to a person skilled e same patent family
	actual completion of the international search  December 2004	Date of mailing of the Into	·
	mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer	
·	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Ziegler, H	I-J

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